

# GRUNDIG

## GRUNDIG S08 Heavy-Duty RV TPMS

*8-12 Wheel Tire Pressure Monitoring System | Instruction Manual*

### IMPORTANT NOTICES & SAFETY PRECAUTIONS

- **Read Before Use:** Please read this instruction manual thoroughly before operating the system to ensure correct installation and optimal driving performance.
- **Parameter Integrity:** To maintain system accuracy and stability, modifying pre-set parameters is highly discouraged unless specific professional adjustments are required for your multi-axle vehicle setup.
- **Installation Sequence:** IMPORTANT: Always power on the display monitor BEFORE installing the sensors to ensure successful data synchronization.
- **Visual Reference:** The schematic diagrams provided in this manual are for visual reference only. Please refer to the physical product for final details.

## I. Product Overview

Thank you for choosing the GRUNDIG S08 Professional Tire Pressure Monitoring System (TPMS). This system is specifically engineered for multi-axle and heavy-duty vehicles, fleet logistics trucks, commercial trailers, and high-capacity luxury motorhomes.

By providing constant, real-time wireless monitoring of both tire pressure and temperature metrics, it offers an essential layer of safety for long-haul driving, preventing blowout risks and maximizing vehicle performance.

## II. Monitor Interface & Settings

### 2.1. Button & Display Guide



Figure 1: S08 Monitor Interface Layout & Button Assignments

| No. | Component / Icon Name | Functional Description  |
|-----|-----------------------|---|
| 1   | Battery Level         | Displays the real-time battery charge and external power connection status of the main monitor. |
| 2   | Tire Temperature      | Displays the thermal core temperature reading of each synchronized tire position.               |
| 3   | Tire Pressure Unit    | Indicates the current operational metric unit active on the display (BAR or PSI).               |
| 4   | Tire Pressure         | Displays the real-time pneumatic pressure reading of synchronized tire sensors.                 |
| 5   | Up Button             | Press to navigate menus upward  |

or incrementally increase custom parameter values.

|   |                     |  |
|---|---------------------|--|
| 6 | Settings Button     | Press and hold for 3 seconds to enter/exit the system setup menu; short press to cycle fields or save configurations.  |
| 7 | Down / Power Button | Dual Functionality: Serves as both parameter modification and power control. <ul style="list-style-type: none"><li>• Power Control: Press and hold for 3 seconds to turn the monitor unit fully ON or OFF.</li><li>• Menu Navigation: Short press to navigate parameters downward or decrease targeted numerical thresholds.</li></ul> |
| 8 | TYPE-C Interface    | DC 5V external power port for charging the internal heavy-duty lithium battery cell.   |

## 2.2. Factory Default Settings

- **Tire Pressure Unit:** BAR (Default)
- **Temperature Unit:** °C (Default)
- **Tire Pressure Upper Limit (PH):** 10.0 BAR (145 PSI) [Fully customizable up to 15.0 BAR / 217 PSI]
- **Tire Pressure Lower Limit (PL):** 5.0 BAR (72 PSI)
- **High-Temperature Alarm Threshold:** 68°C (154°F)

## III. System Configuration & Setup Instructions

To initialize configurations, press and hold the center Settings Button for 3 seconds to enter the system parameters menu.

### 3.1 Changing Pressure Units (BAR/PSI)

- In standby mode, press and hold the Center Settings Button for 3 seconds
- Short press the Center Button until BAR flashes.
- Use the Up/Down Buttons to select PSI.
- Press the Center Button to confirm

### 3.2 Changing Temperature Units (° C/° F)

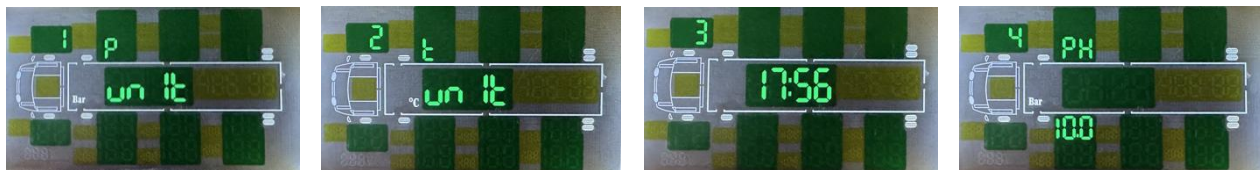
- In settings mode, press the Up Button once, then press the Center Button.
- When the unit flashes, use Up/Down to switch between ° C and ° F.
- Press the Center Button to confirm.

### 3.3 Setting the System Time

- In settings mode, press the Up Button twice, then press the Center Button twice until the hour flashes.
- Adjust the hour using Up/Down, then press the Center Button to switch to minutes.
- Adjust the minutes and press the Center Button to save.

### 3.4 Adjusting High Pressure Alarm (PH)

- In settings mode, press the Up Button three times, then press the Center Button once. The value will flash.
- Use Up/Down to set your desired high-pressure limit (Supports up to 15.0 Bar / 217 PSI).
- Press the Center Button to confirm.



### 3.5 Adjusting Low Pressure Alarm (PL)

- In settings mode, press the Down Button four times, then press the Center Button once.
- Use Up/Down to set the low-pressure limit, then press the Center Button to save.

### 3.6 Sensor Pairing & Replacement

- In settings mode, press the Up Button five times, then press the Center Button once. The ID number will flash.
- Use the Up/Down Buttons to select the tire position.
- Press the Center Button once, then install the new sensor onto the valve stem.
- The system will automatically detect the new ID and update the display.

### 3.7 Selecting Tire Quantity (8-Wheel / 12-Wheel Mode)

- In settings mode, press the Up Button six times, then press the Center Button once.
- Use Up/Down to toggle between 8 and 12 tires.
- Press the Center Button to confirm your configuration.

### 3.8 Factory Reset

- While powered on, hold the center button for 3 seconds to enter settings.
- Press the left button seven times, then press the center button twice.
- The device will reset and restart, restoring factory settings. It will then search for sensors again. If new sensors have been updated, reinstall them sequentially onto the valve stems.
- All sensor reinstallation must be completed within 30 minutes.

